

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007665.D
 Acq On : 18 Dec 2018 18:11
 Operator : SY/AP
 Sample : J6391-10RE
 Misc : 4.33G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-1218-01RE

Quant Time: Dec 19 05:01:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

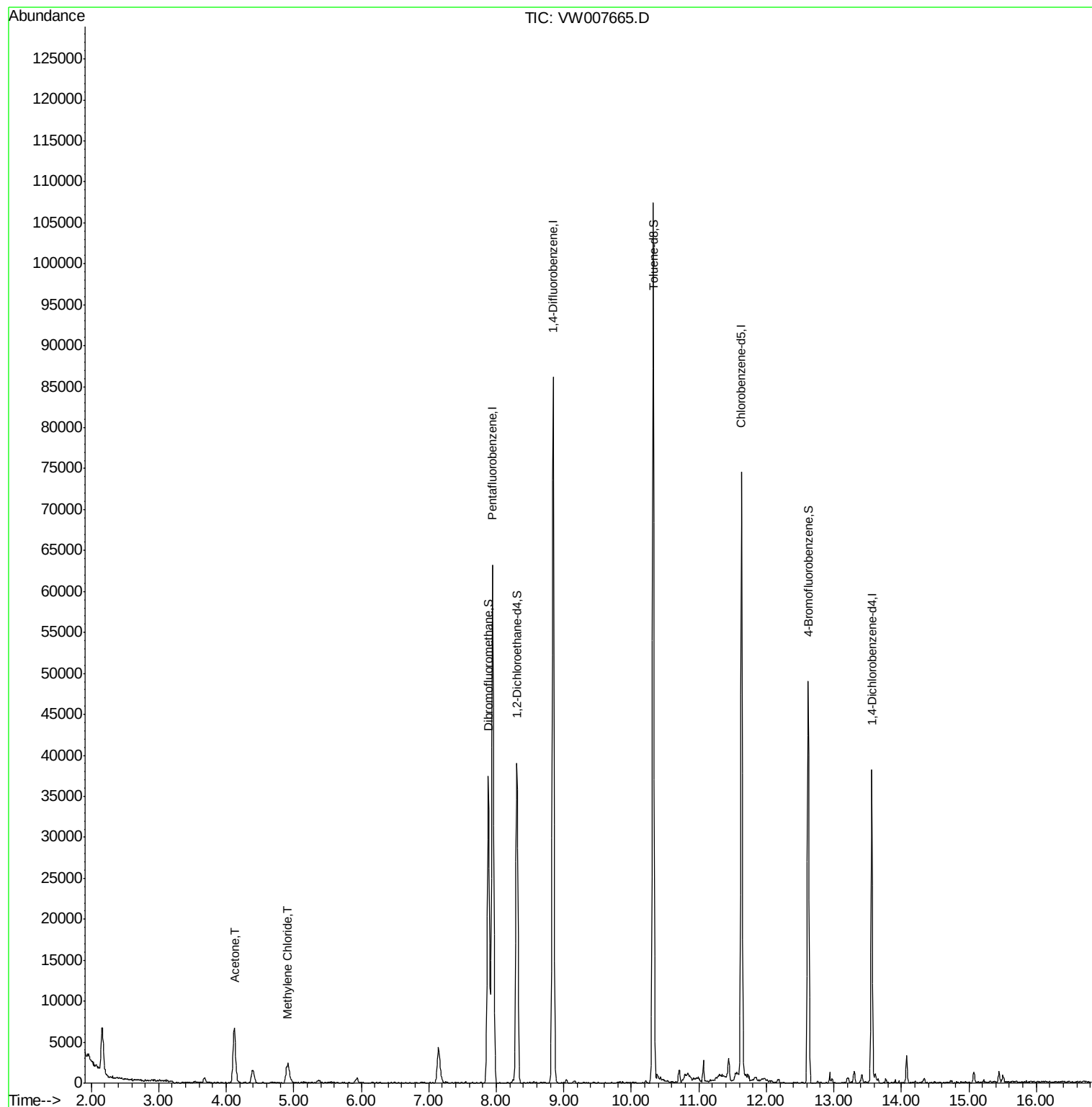
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	71498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	41447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	32841	66.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.48%	
35) Dibromofluoromethane	7.88	113	27142	62.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.42%	
50) Toluene-d8	10.32	98	72055	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	12.62	95	14725	24.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.36%	
Target Compounds						
16) Acetone	4.12	43	11938	137.862	ug/l	95
20) Methylene Chloride	4.90	84	2423	1.301	ug/l #	83

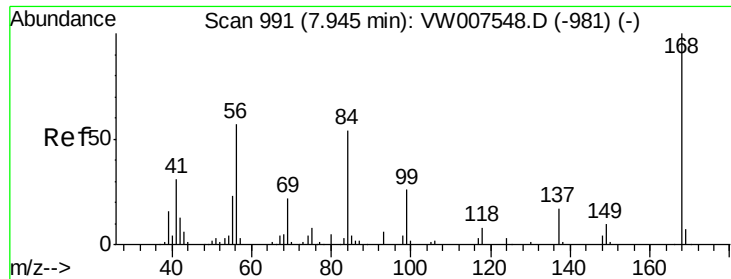
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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MSVOA_W

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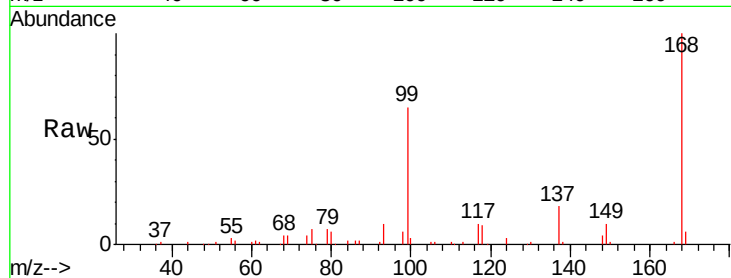
P001-SS016-1218-01RE

Tgt Ion:168 Resp: 44686

Ion Ratio Lower Upper

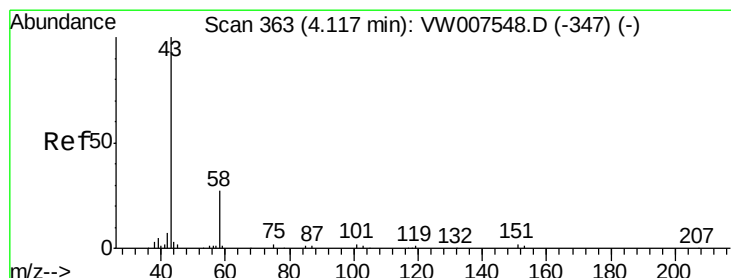
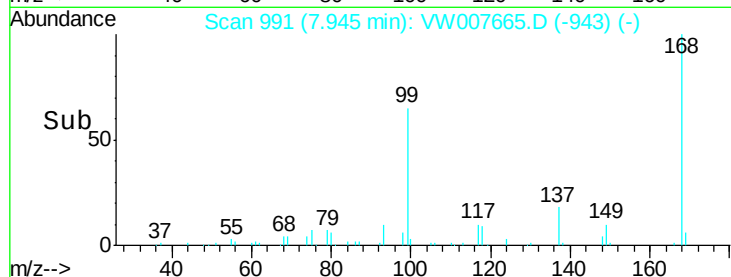
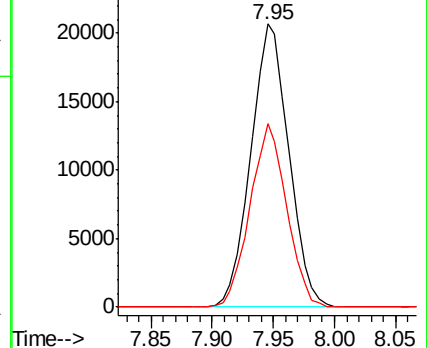
168 100

99 64.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 137.862 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007665.D

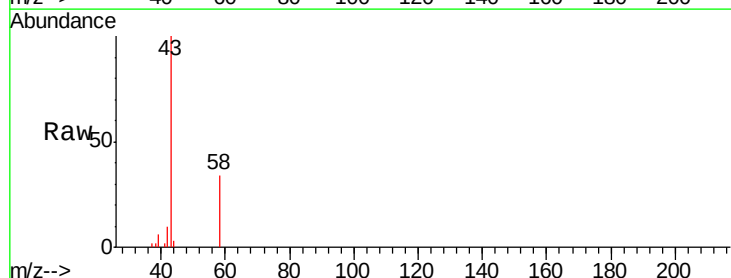
Acq: 18 Dec 2018 18:11

Tgt Ion: 43 Resp: 11938

Ion Ratio Lower Upper

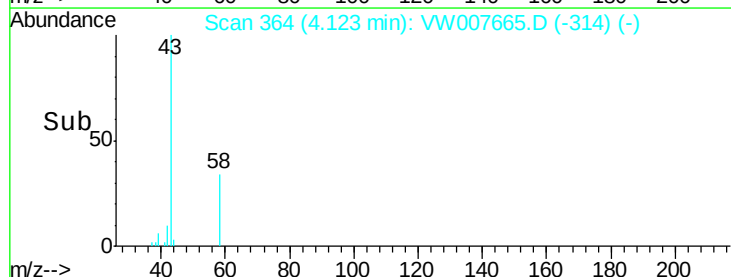
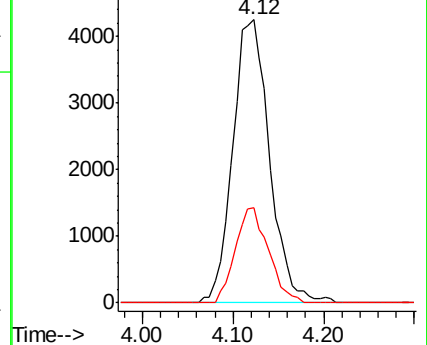
43 100

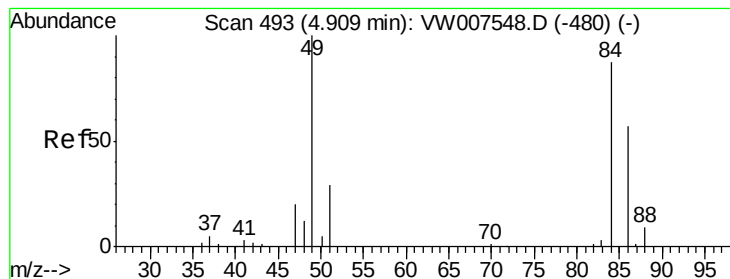
58 33.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.301 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.00 min

Lab File: VW007665.D

Acq: 18 Dec 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-1218-01RE

Tgt Ion: 84 Resp: 2423

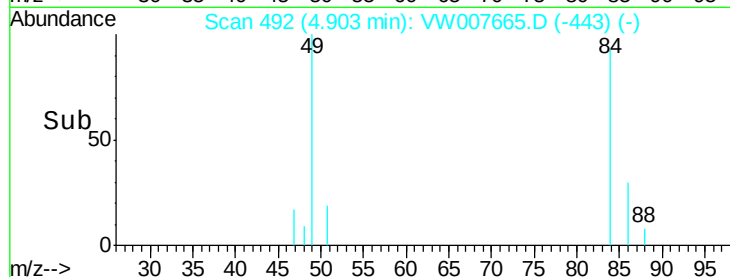
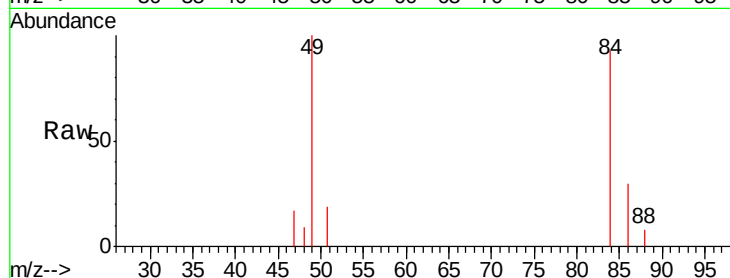
Ion Ratio Lower Upper

84 100

49 107.3 87.1 130.7

51 20.9 28.2 42.2#

86 32.5 50.8 76.2#

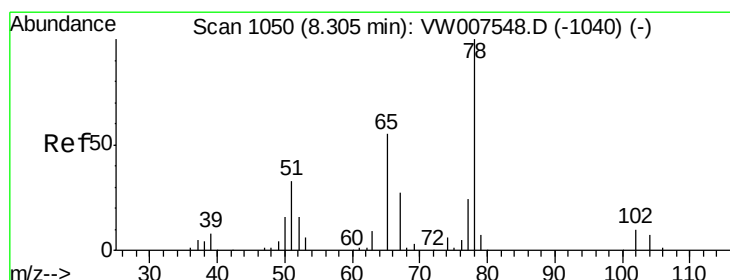
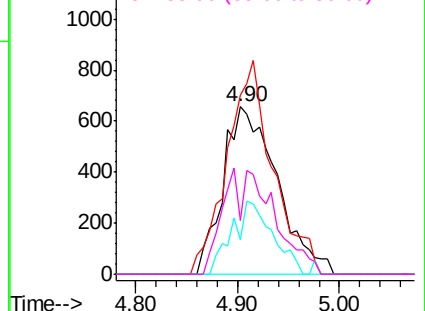


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 66.244 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007665.D

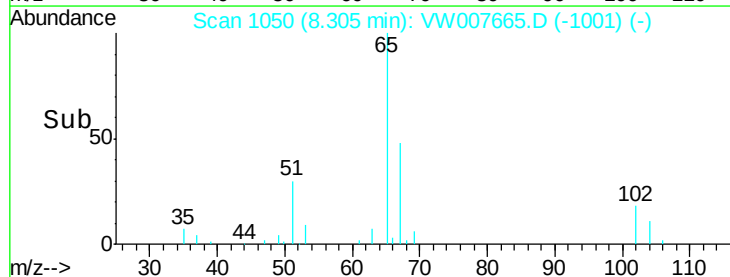
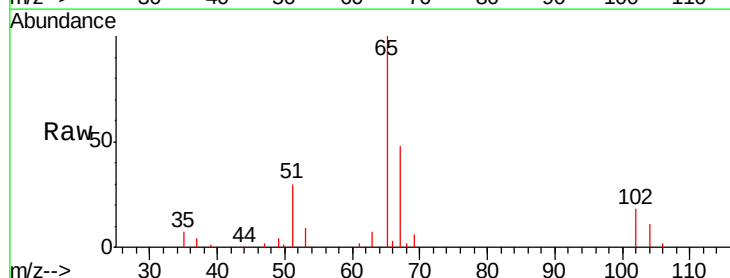
Acq: 18 Dec 2018 18:11

Tgt Ion: 65 Resp: 32841

Ion Ratio Lower Upper

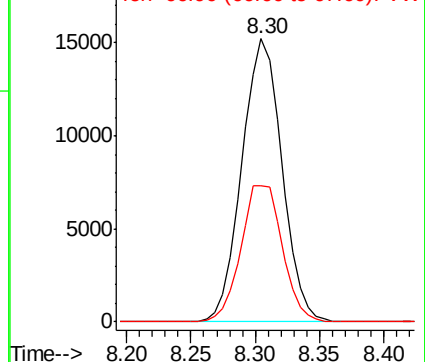
65 100

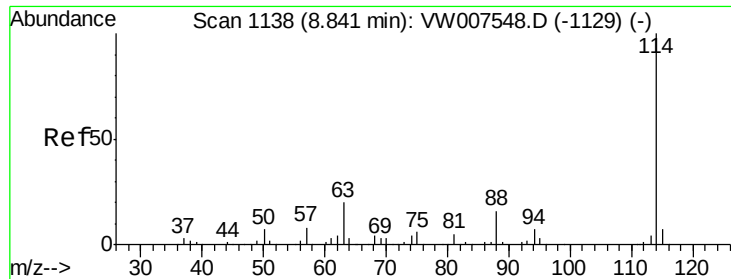
67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

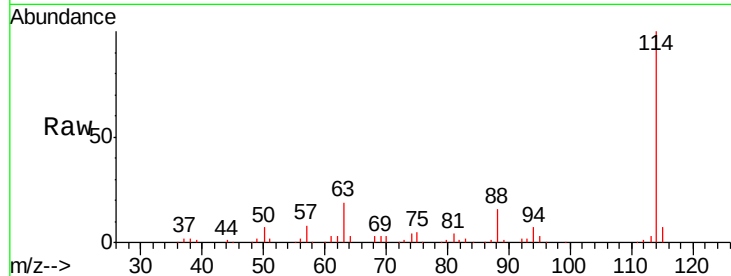




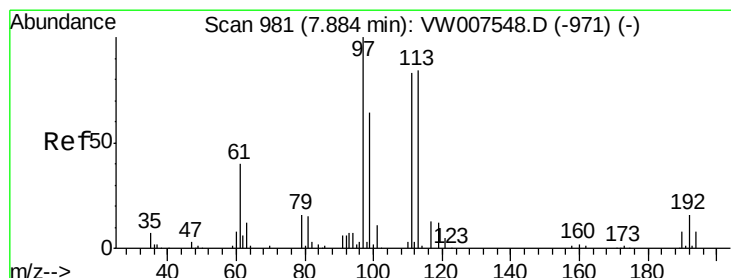
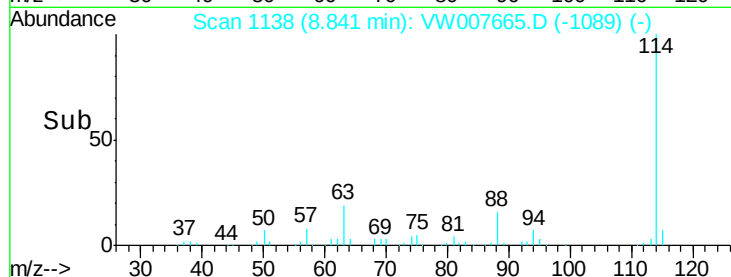
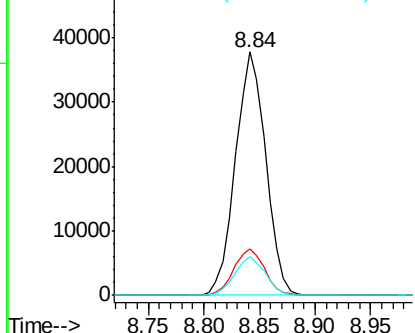
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007665.D
 Acq: 18 Dec 2018 18:11

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-1218-01RE

Tgt Ion:114 Resp: 71498
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 16.1 0.0 31.4

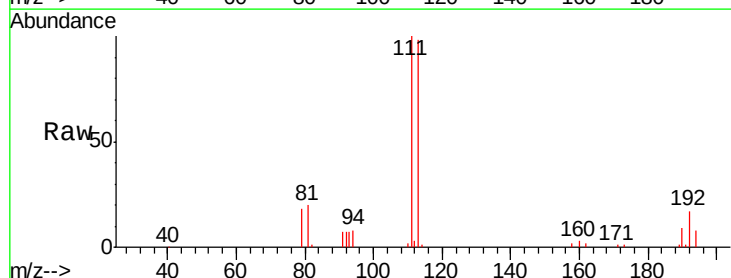


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

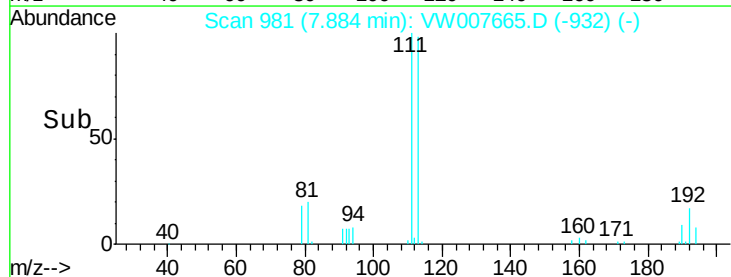
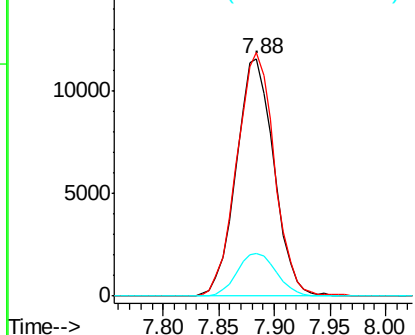


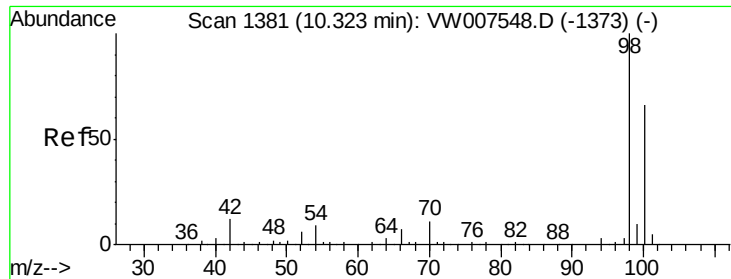
#35
 Dibromofluoromethane
 Concen: 62.712 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007665.D
 Acq: 18 Dec 2018 18:11

Tgt Ion:113 Resp: 27142
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 18.7 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

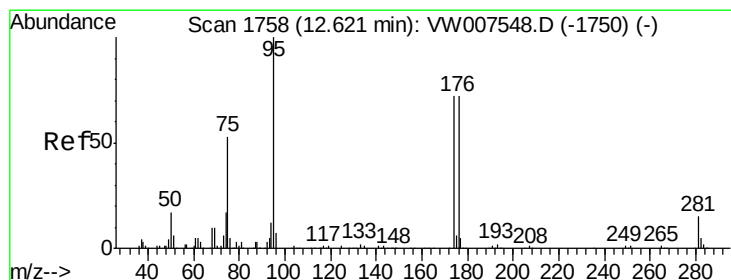
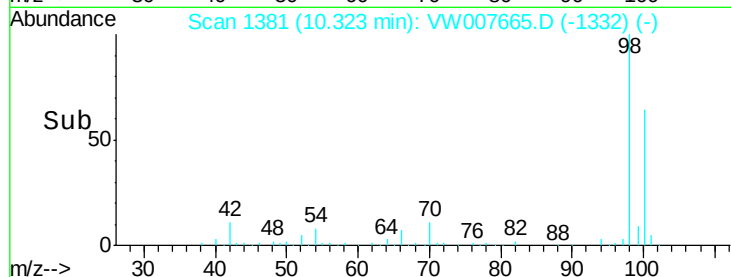
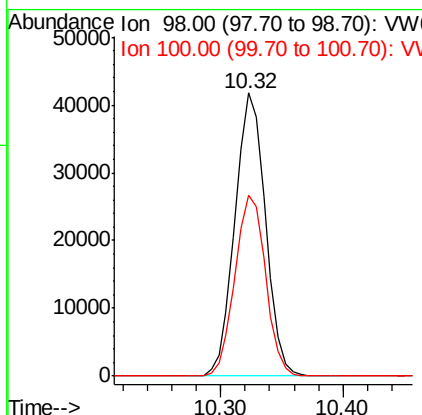
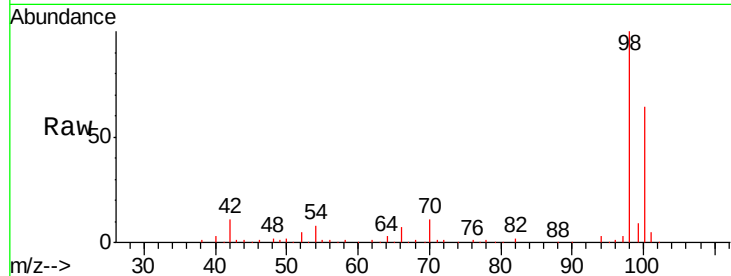




#50
Toluene-d8
Concen: 44.402 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007665.D
Acq: 18 Dec 2018 18:11

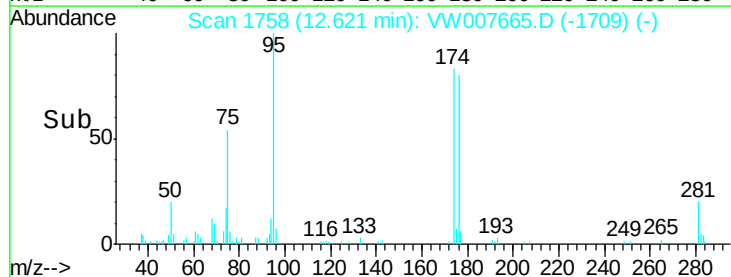
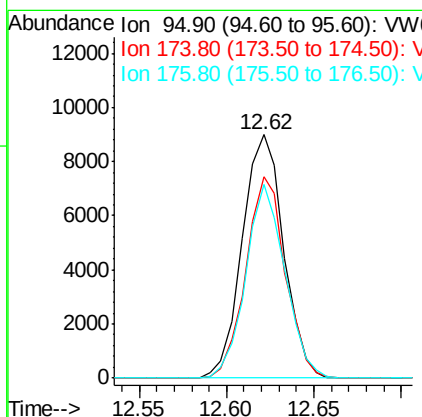
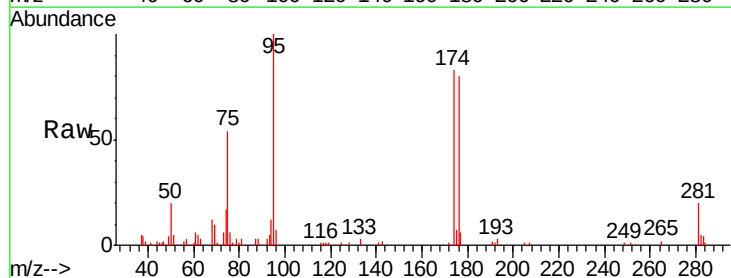
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-1218-01RE

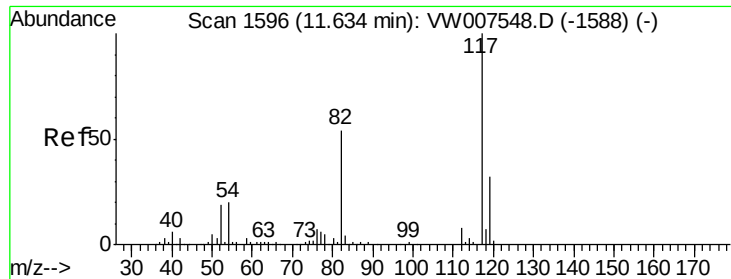
Tgt Ion: 98 Resp: 72055
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 24.679 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007665.D
Acq: 18 Dec 2018 18:11

Tgt Ion: 95 Resp: 14725
Ion Ratio Lower Upper
95 100
174 79.2 0.0 147.2
176 75.5 0.0 138.8

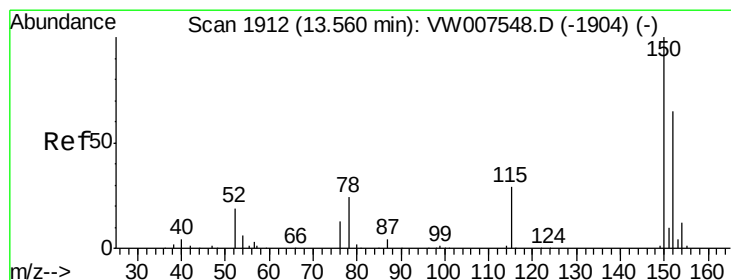
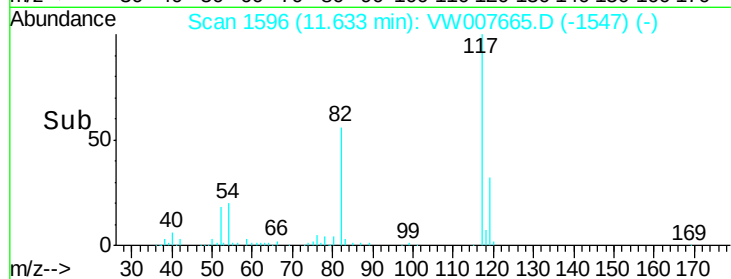
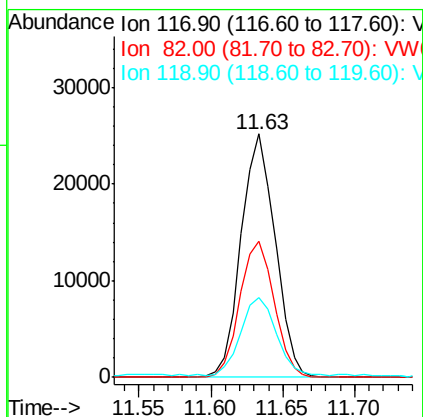
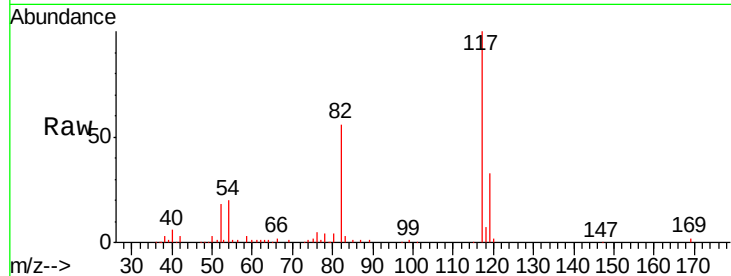




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007665.D
Acq: 18 Dec 2018 18:11

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-1218-01RE

Tgt Ion:117 Resp: 41447
Ion Ratio Lower Upper
117 100
82 55.8 42.3 63.5
119 31.9 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007665.D
Acq: 18 Dec 2018 18:11

Tgt Ion:152 Resp: 10353
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.2
150 151.2 0.0 358.4

